

# Baltimore City Data Day 2010

## *Using Data To Drive Community Change*

Presented by:

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# Crime and Youth Violence

- In this presentation I will:
  - Briefly discuss some of the crime and youth violence data that is available
  - Discuss uses of crime and youth data
  - Provide examples of presenting the data
  - Show two grant opportunities for community organizations available at Johns Hopkins

# Crime and Youth Violence Data

- Baltimore City Police Department
  - Homicides, non-fatal shootings, calls for service, etc
- Baltimore City Public School System
  - [http://www.bcps.k12.md.us/student\\_performance/Institutional\\_Research/School\\_Climate.asp](http://www.bcps.k12.md.us/student_performance/Institutional_Research/School_Climate.asp)
  - School Climate Survey: I feel safe going to and from school, possession of weapons like guns and knives are a problem at my school
- JHU Library
  - <http://www.library.jhu.edu/>
  - Juvenile Drug Arrest and other crime data

# Crime and Youth Violence Data

- The Neighborhood Inventory for Environmental Typology (NIFETY)
  - [www.divestudies.com](http://www.divestudies.com)
  - Dangerous youth activity, people using drugs, etc
- Safe Streets Project
  - Safe Streets is modeled after Chicago's Cease-Fire Program, which aims to reduce shootings among the 14-25 age group in Baltimore City

# Applications of the Data

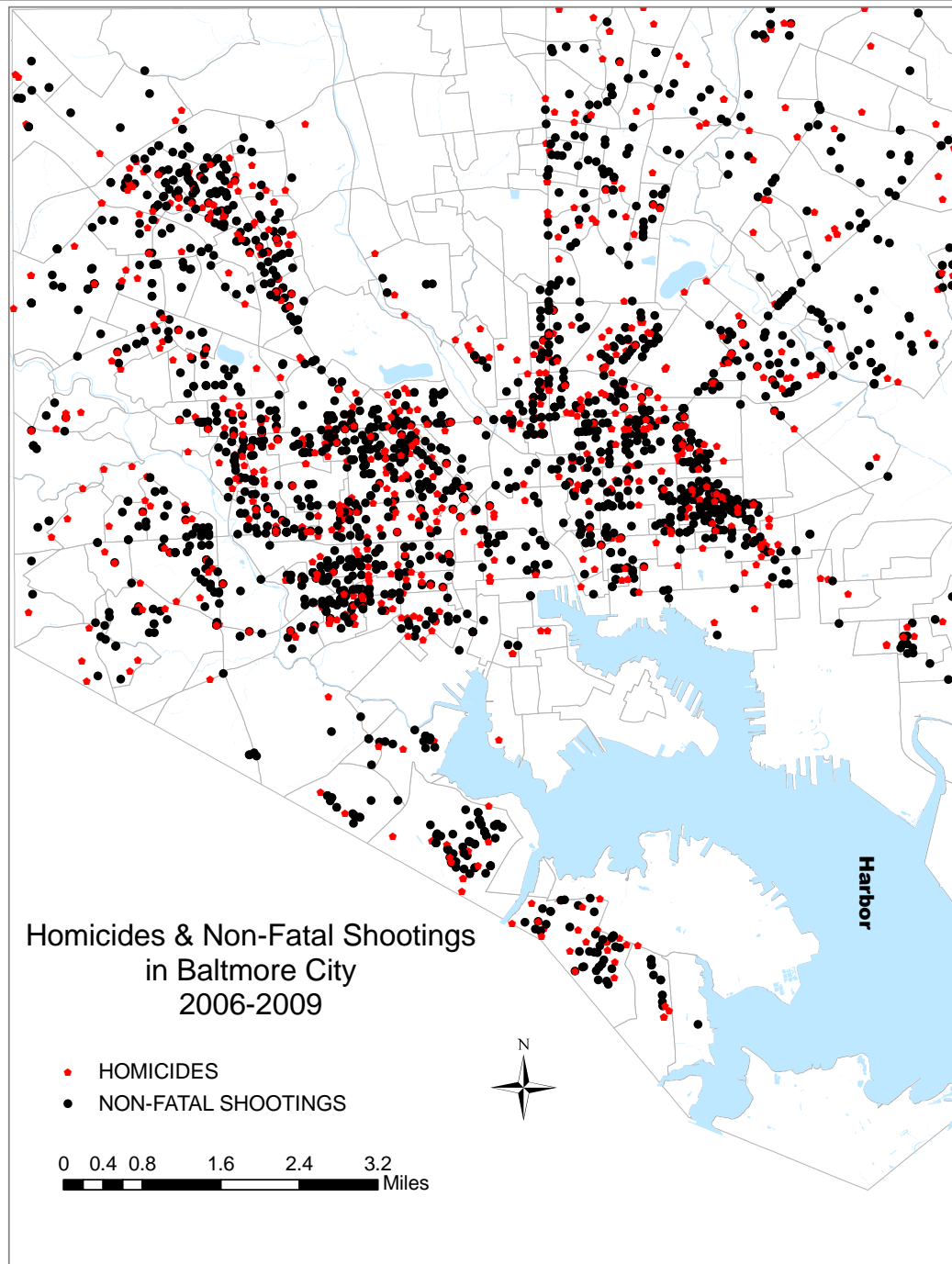
- Grants
  - CDC Center Grant
  - Promise Neighborhood Initiative
- Program Evaluation
  - NIfETy Data: Blue light cameras
  - Safe Streets Initiative
- Health Policy Initiatives
  - Placement of drug treatment centers
  - Alcohol outlets and violence

# Example: Using the data for grant applications

- Center for the Prevention of Youth Violence (JHSPH) was applying for a CDC Center grant. Required an intervention community and a control community.
- Compared crime data between the two communities (5 neighborhoods).
- Obtained homicide data from BCPD for 2006-2009
- Used BCPSS School Climate and US Census data

# Example: Using the data for grant applications

	<u>Eastern Intervention</u>	<u>Western Comparison</u>	<u>Baltimore City</u>	<u>Maryland</u>
<b>Demographics (% of total)</b>	n (%)	n (%)	n (%)	n (%)
Total Population	12789	9822	639343	5618250
Male 10-24	1514 (11.84)	1063 (10.82)	65252 (10.2)	563148 (10.0)
Female 10-24	1516 (11.85)	1218 (12.4)	74773 (11.7)	600380 (10.7)
<b>School Data (% students agreeing)</b>				
FARMS	86.5%	85.2%	83.6%	34.6%
Student possession of weapons like knives and guns is a problem at this school	43.2%	44.2%	39.0%	N/A
Student drug/alcohol abuse is a problem at this school	37.8%	35.8%	35.2%	N/A
Students do not feel safe going to and from school	28.8%	29.3%	27.4%	N/A
<b>Crime (per 1,000 population)</b>				
Shooting Victims (10-24)	15 (1.17)	12 (1.22)	238 (0.37)	N/A
Homicide Victims (10-24)	3 (0.23)	3 (0.31)	92 (0.14)	214 (0.038)
Robberies	88 (6.88)	96 (9.77)	4458 (6.9)	13203 (2.35)
Rapes	3 (0.23)	3 (0.31)	114 (0.18)	1127 (0.20)
Aggravated Assaults	511 (39.96)	374 (38.08)	14430 (22.57)	20570 (3.66)
Arrest for weapons	234 (18.3)	173 (17.61)	7519 (11.76)	
Non-fatal shootings	30 (2.35)	15 (1.53)	587 (0.92)	N/A





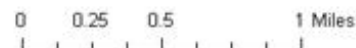


### Shootings in Baltimore City (0-24 years of age) 2006-2009



### Legend

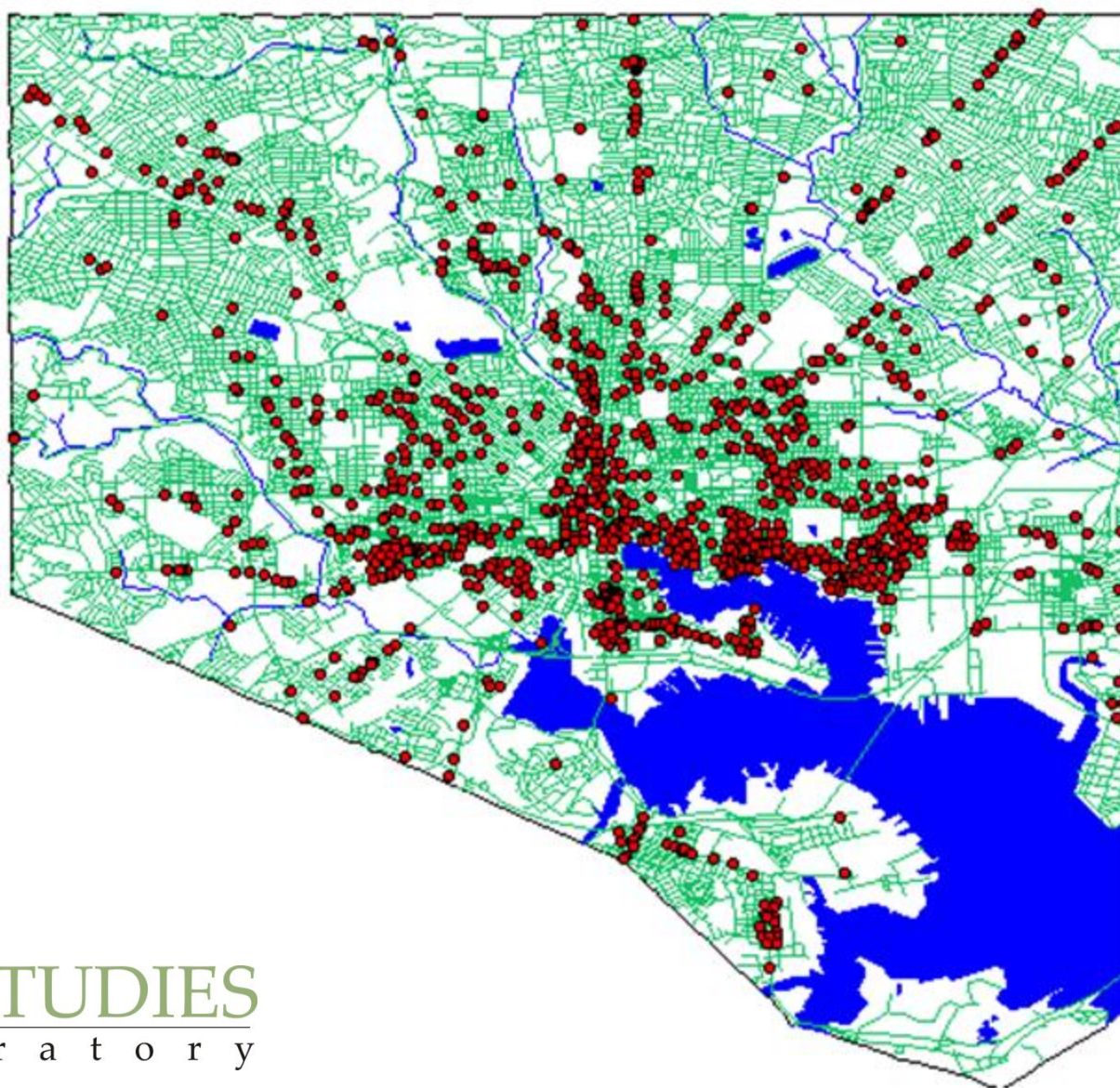
- Shootings 2006-2009 (0-24 years of age)
-  Baltimore City Police Districts  
 3 Targeted Neighborhoods



# Example: Policy Enforcement – Liquor Outlets and Schools

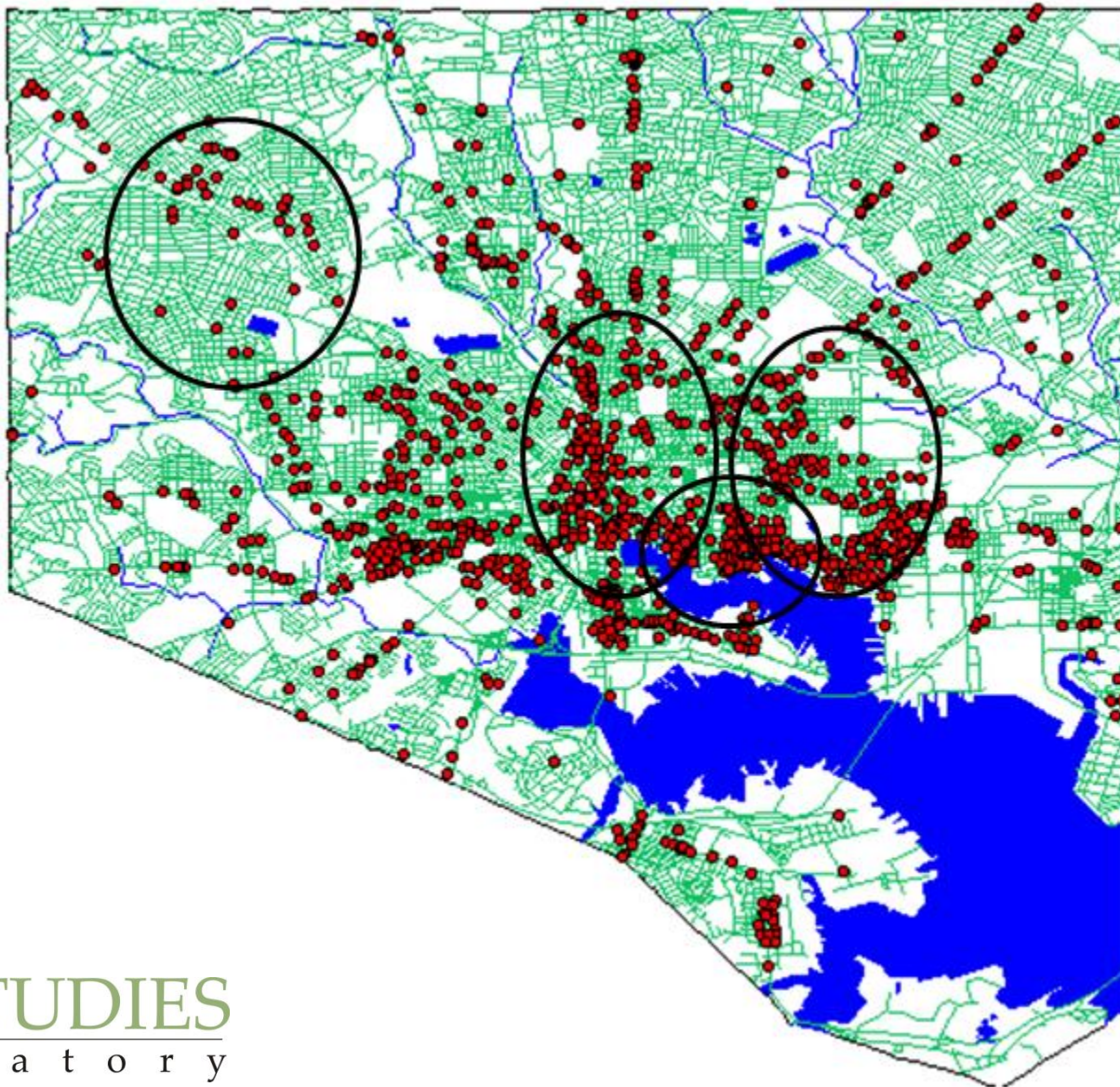
- How will liquor zoning enforcement impact youth violence exposure?
- Will a school buffer have an effect on youth violence exposure?
- What other factors are related to liquor outlets and youth violence exposure?

# Liquor Outlets in Baltimore City



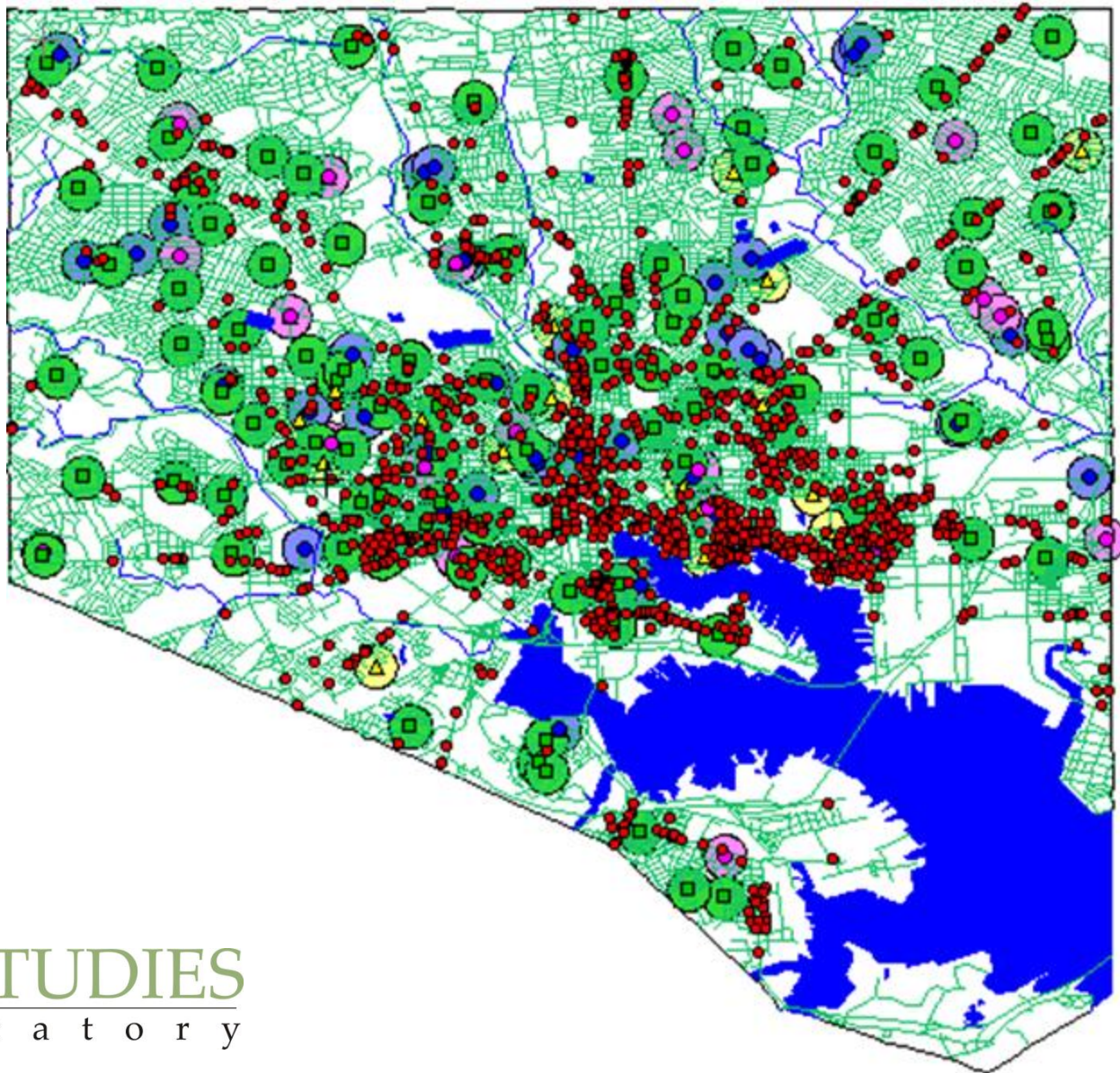


# Liquor Outlets and Drug Hot Spots

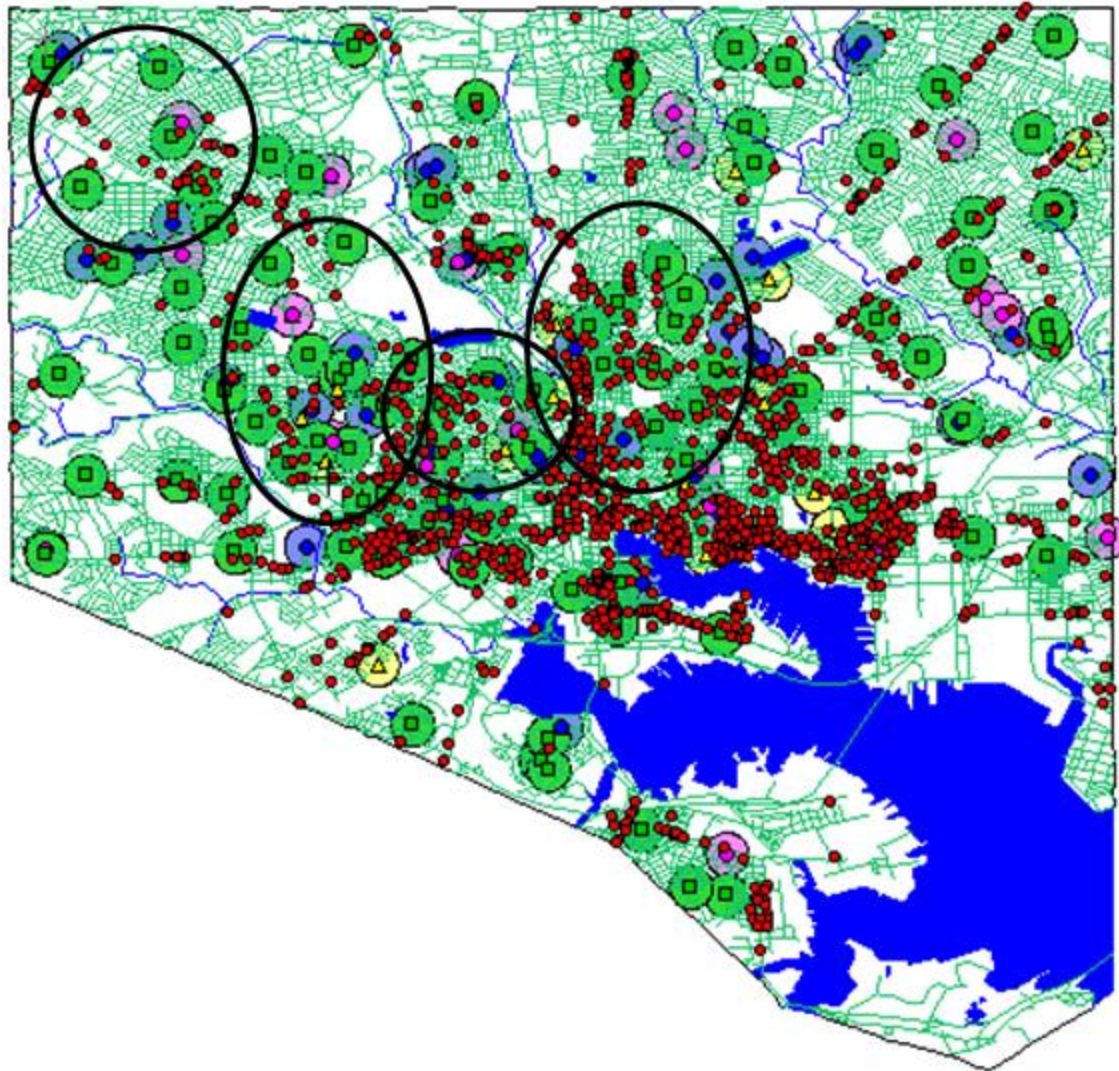




# Liquor Outlets and All K-12 Schools

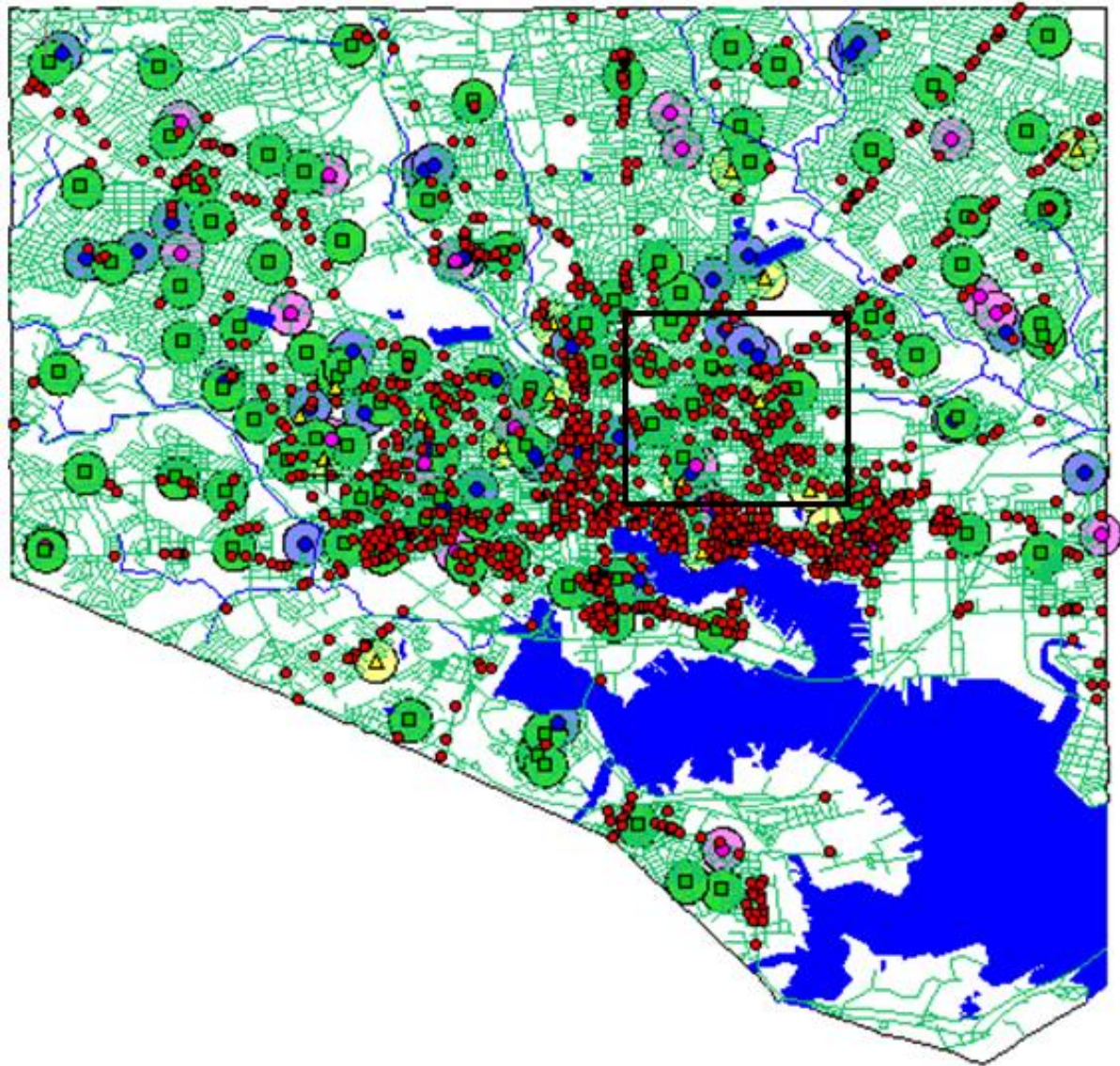


# Liquor Outlets, K-12 Schools, and Drug Hot Spots

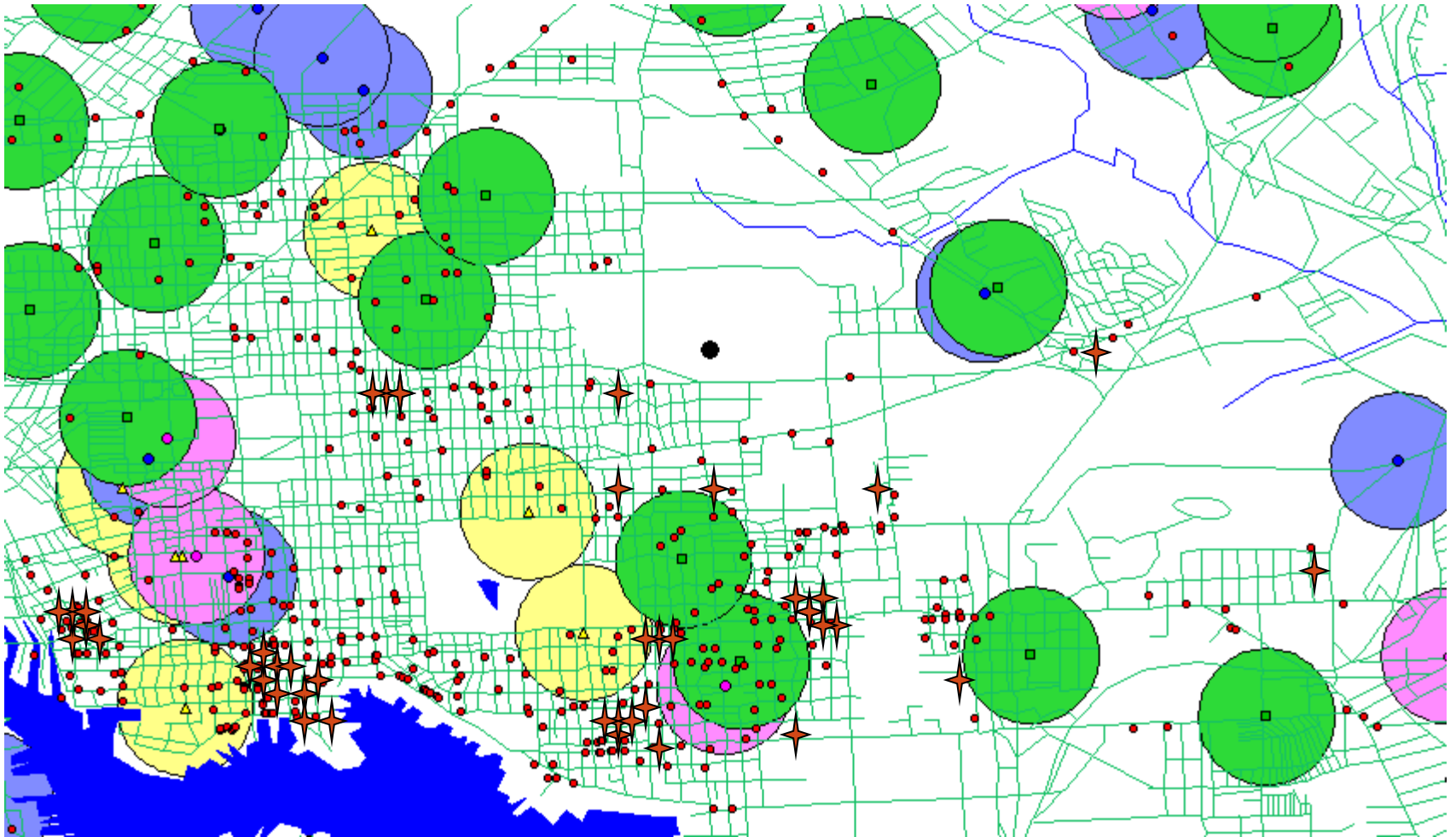




# Targeting a Selected Area



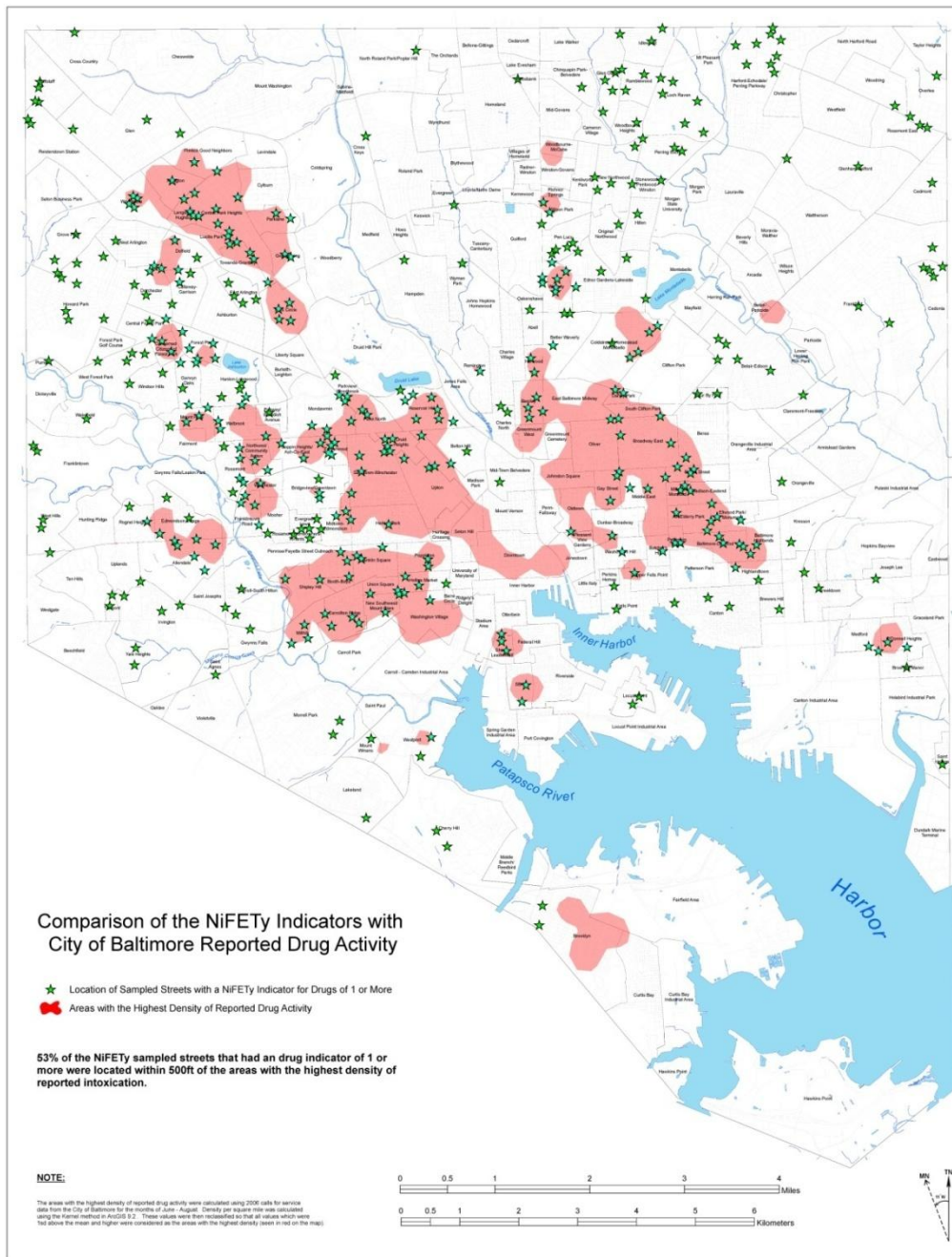
# A Closer Look

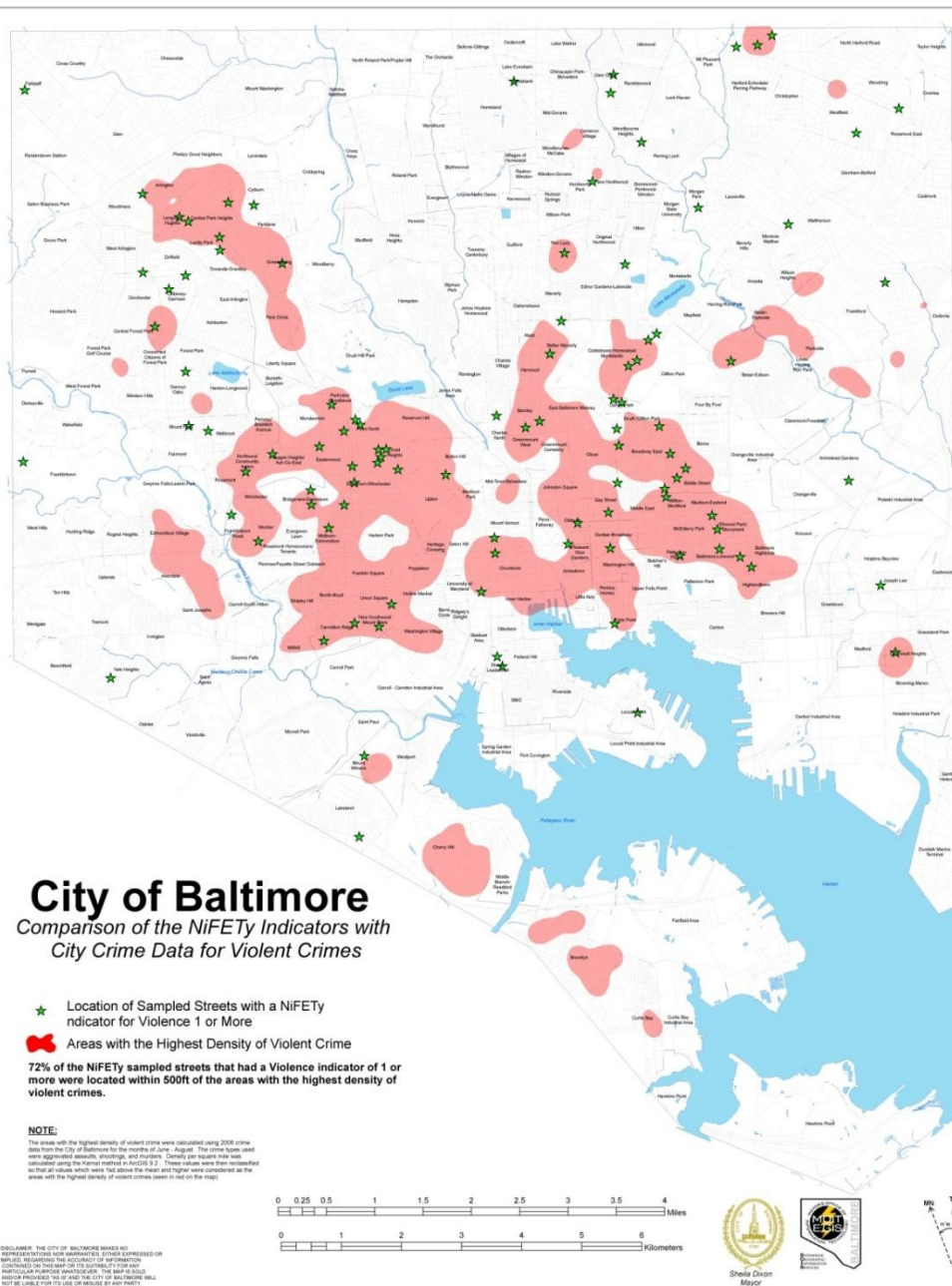


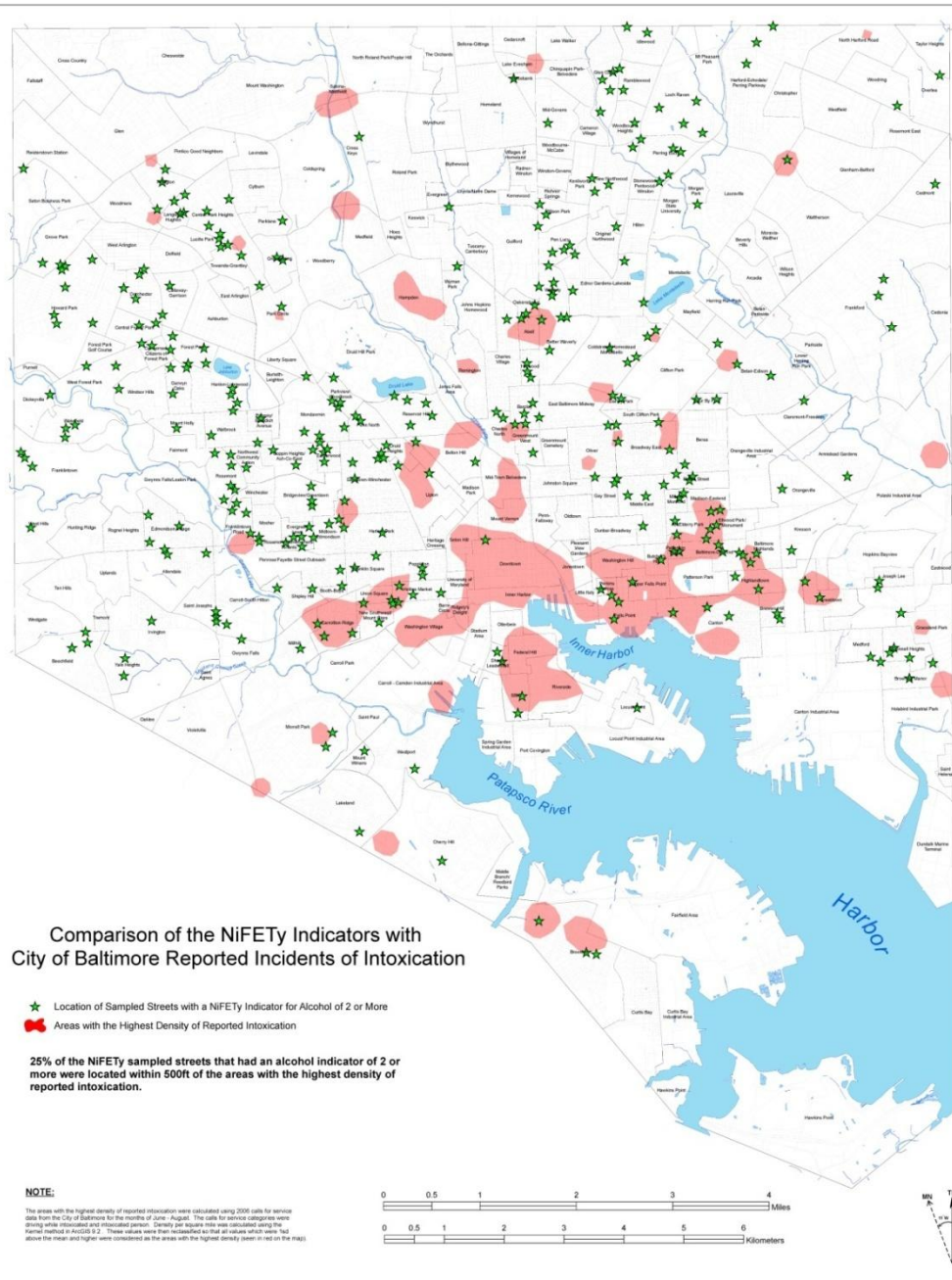


# Next Steps

- Policy enforcement
- Monitor change over time
- Evaluate policy impact
- Natural experiment of alcohol outlets impact on community







# Community Grants-JHU

- Johns Hopkins Neighborhood Fund
  - <http://web.jhu.edu/uw/NeighborhoodFund.html>
- Supports nonprofit organizations that both serve the communities in close proximity to Hopkins campuses and are associated with Johns Hopkins through employee and / or institutional involvement
- Areas: Community Revitalization, Education, Employment, Health, & Public Safety



# Community Grants-JHU

- Urban Health Institute Small Grants for Research and Program Development
  - <http://www.jhsph.edu/urbanhealth>
- The UHI Small Grants Program was formed to advance university-community collaborations, with the intent to benefit the health and well-being of Baltimore residents and illuminate workable solutions to urban health problems across the nation.
- Three categories: Undergraduate Student-Community Projects/Research, Graduate Student-Community Projects/Research, & Faculty-Community Research

# For more information

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